

Recombinant Mouse Alkbh1, His-tagged

Cat. No. Alkbh1-3273M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alkylated DNA repair protein alkB homolog 1 (Alkbh1)
Species	Mouse
Source	E.Coli/Yeast
ProteinLength	389
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Alkbh1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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GENE INFORMATION

Gene Name	Alkbh1 alkB, alkylation repair homolog 1 (E. coli) [Mus musculus]
Official Symbol	Alkbh1
Synonyms	ALKBH1; alkB, alkylation repair homolog 1 (E. coli); alkylated DNA repair protein alkB homolog 1; DNA lyase ABH1; alpha-ketoglutarate-dependent dioxygenase ABH1; Abh; alkB; hABH; Alkbh; 2700073G19Rik;
Gene ID	211064
mRNA Refseq	NM_001102565
Protein Refseq	NP_001096035
Function	DNA-(apurinic or apyrimidinic site) lyase activity; catalytic activity; chemoattractant activity; ferrous iron binding; lyase activity; metal ion binding; methylcytosine dioxygenase activity; oxidoreductase activity; oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, 2-oxoglutarate as one donor, and incorporation of one atom each of oxygen into both donors; oxidoreductase activity, acting on single donors with incorporation of molecular oxygen, incorporation of two atoms of oxygen; protein binding;

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